



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,056	12/04/2000	Pascal Arnaud	200436US0	3932
22850 7590 01/25/2008 OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER WANG, SHENGJUN	
			ART UNIT 1617	PAPER NUMBER
			NOTIFICATION DATE 01/25/2008	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com  
oblonpat@oblon.com  
jgardner@oblon.com

<b>Office Action Summary</b>	<b>Application No.</b> 09/728,056	<b>Applicant(s)</b> ARNAUD, PASCAL	
	<b>Examiner</b> Shengjun Wang	<b>Art Unit</b> 1617	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 06 November 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-9,11-15 and 17-49 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-9,11-15 and 17-49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

Receipt of applicants' amendments and remarks submitted November 6, 2007 is acknowledged.

#### *Claim Rejections 35 U.S.C. 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 5-9, 1-15, 17-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walling et al (US Pat. 5,948,394) in view of Jakobson et al (US Pat. 5,093,043), and in further view of Arnaud et al. (US 5,961,998).

Walling teaches transfer-resistant lip compositions. The compositions resist transfer upon subjecting the wearer to routine or daily activities. The compositions are in the form of Lipstick (see abstract). The compositions comprise lipophilic materials (30-95 %, which may be wax or oil) and a variety of other components, including up to 3% of polyglycerol diisostearate. see, particularly, columns 2, lines 12-25. and claims 1-6. Walling teaches that a preferred volatile hydrocarbon fluid for use in the invention is isododecane (see col. 4, lines 1-16, and col.6, line 15 through col. 7, Line 45, examples 1-6). Walling further teaches that a particularly useful non-volatile silicone fluid for use in the invention is available as the 556 series from Dow Corning (see col. 4, line 62 to col. 5, line 9). DC 556 is a trade name for phenyltrimethicone. Walling further teaches that phenyltrimethicone is a most preferred fluid for the invention (see col. 5, Lines 17-20). Walling teaches that various surfactants may be

employed in the composition. Examples 1-6 are further comprised of wax, non-volatile oil liquid, isododecane (isoparaffin) and pigments. Additionally, examples 1-4 and 6 contain polyglycerol diisostearate.

Walling does not teach expressly the particular percentages of each ingredient, or expressly states the employment of diglyceryl diisostearate.

However, Jakobson teaches a process for preparing nonionic surfactants. The reference relates to the use of certain nonionic polyglycerol fatty acid ester surfactants as additives or solvents for skin protection agents and skin care oils and for cosmetic formulations (see col. 3, line 47 through col. 4, line 11). Jakobson teaches that diglycerol di-fatty acid esters have improved properties as compared to polyglycerol esters (see col. 4, lines 54-64). Jakobson specifically compares diglycerol diisostearate with commercial polyglycerol diisostearate (see col. 5, lines 17-20). Jakobson further disclosed that commercial polyglycerol diisostearate is essentially diglycerol diisostearate. See column 5, lines 24-28. Arnaud et al. teaches oil with aromatic moiety, such as phenyl trimethicone, are known to provide benefit for lip stick such as increase gloss and reduce migration of oils. See, particularly, column 1, lines 58 to column 2, lines 2, column 6, lines 55-61, the examples and claims.

Therefore, it would have been prima facie obvious to a person of ordinary skill in the art, at the time the claimed the invention was made, to make a lip cosmetic composition comprising isododecane, phenyltrimethicone, and diglycerol diisostearate (such as those disclosed by Jakobson) in a percentage as herein cited.

A person of ordinary skill in the art would have been motivated to make a lip cosmetic composition comprising isododecane, phenyltrimethicone, and diglycerol diisostearate (such as

those disclosed by Jakobson) in a percentage as herein cited because all of the ingredients are known to be useful in lip composition. Further, the amount of non-volatile oil employed by Walling (encompassing the non-volatile silicone oil) is greater than the amount of polyglycerol diisostereate. Furthermore, the diglycerol diisostereate of Jakobson is known to have superior properties compared to commercial polyglycerol di-fatty ester. As to the particular percentage, note where the general conditions of a claim are disclosed in the prior art, it is not inventive to discover the optimum or workable ranges by routine experimentation. In re Aller, 220 F.2d 454, 105 USPQ 233, 235 (CCPA 1955). Further, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified the compositions of Walling by the substitution of diglycerol diisostearate for polyglycerol diisostearate as taught by Jakobson in order to benefit from the improved properties of diglycerol diisostearate as taught by Jakobson. One of ordinary skill in the art would have been further motivated to modify Walling's lip composition by incorporating some phenyl trimethicone as oil phase in the particular lip composition since oil with aromatic moiety, such as phenyl trimethicone, are known to provide benefit for lip stick such as increase gloss and reduce migration of oils.

#### ***Response to the Arguments***

Applicants' amendments and remarks submitted November 6, 2007 have been fully considered, but are not persuasive.

2. In response to applicant's argument that the particular combination is important as to the compatibility of the ingredients, the fact that applicant has recognized another advantage which would flow naturally from following the suggestion of the prior art cannot be the basis for

patentability when the differences would otherwise be obvious. See *Ex parte Obiaya*, 227 USPQ 58, 60 (Bd. Pat. App. & Inter. 1985).

3. Furthermore, the particular ratio herein required is within the scope of Walling's teaching. Particularly, Walling teach the "non-volatile hydrocarbon-based oil", poly glycerol diisostearate is in the amount less than 3% of the total weight, while the non-volatile oil may be up to 30%. Therefore, the ratio of silicon-based nonvolatile oil: hydrocarbon-based oil being less than 1 is deemed within the scope of Walling's teaching, and where the general conditions of a claim are disclosed in the prior art, it is not inventive to discover the optimum or workable ranges by routine experimentation. In re Aller, 220 F.2d 454, 105 USPQ 233, 235 (CCPA 1955).

4. Finally, applicants' attention is directed to KSR Int'l v. Teleflex Inc.

The evidence of record shows that the subject matter as claimed is a combination of known components selected for their known properties. A claim which unites elements with no change in their respective functions to yield a predictable result is not patentable in the absence of secondary considerations.

For over a half century, the [Supreme] Court has held that a "patent for a combination which only unites old elements with no change in their respective functions ...obviously withdraws what is already known into the field of its monopoly and diminishes the resources available to skillful men." *Great Atlantic & Pacific Tea Co. v. Supermarket Equipment Corp.*, 340 U.S. 147, 152 [87 USPQ 303] (1950). This is a principal reason for declining to allow patents for what is obvious. The combination of familiar elements according to known methods is likely to be obvious when it does no more than yield predictable results.

*KSR Int'l v. Teleflex Inc.*, 82 USPQ2d 1385, 1395 (2007).

Further, in *KSR vs. Teleflex*, where the court states:

"When there is a design need or market pressure to solve a problem and there are a finite number of identified, predictable solutions, a person of ordinary skill has good reason to pursue the

known options within his or her technical grasp. **If this leads to the anticipated success, it is likely the product not of innovation but of ordinary skill and common sense.** In that instance the fact that a combination was obvious to try might show it was obvious under section 103.” In the instant case, each and every ingredients herein are known to be useful in cosmetic composition. One of ordinary skill in the art would have reasonably anticipated the success of the combination of them for the same purpose.

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

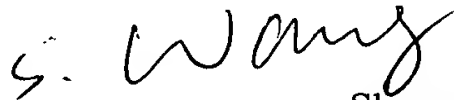
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shengjun Wang whose telephone number is (571) 272-0632. The examiner can normally be reached on Monday to Friday from 7:00 am to 3:30 pm.

Application/Control Number:  
09/728,056  
Art Unit: 1617

Page 7

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sreeni Padmanabhan, can be reached on (571) 272-0629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**SHENGJUN WANG**  
**PRIMARY EXAMINER**

Shengjun Wang  
Primary Examiner  
Art Unit 1617